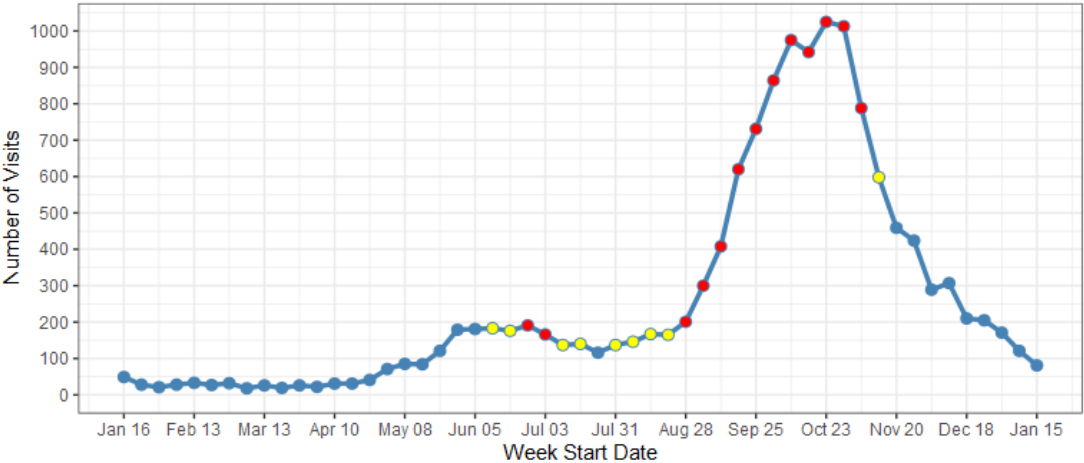

Virginia Respiratory Disease and Monkeypox Data Update

February 2, 2023



*Diagnosed Respiratory Syncytial Virus (RSV)		
01/01 – 01/07 (MMWR Week 1)	01/08 – 01/14 (MMWR Week 2)	01/15 – 01/21 (MMWR Week 3)
169 visits	121 visits	81 (-33%)
Data is from the week of Jan. 15 – Jan. 21, 2023. Percent change is from week prior		
* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases)		

Weekly ED and Urgent Care Visits with Diagnosed RSV
01/16/22 – 01/21/23

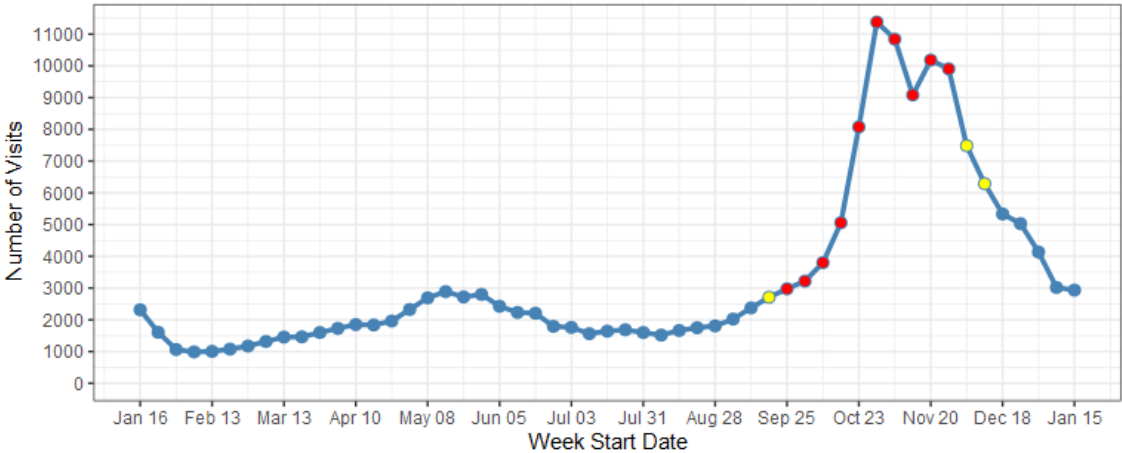


- Nationally, RSV hospitalization rates nationally decreased from 1.1 to 0.6 per 100k, during the week ending 01/21

Source:
VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off prior week's visits. Data are preliminary and subject to change.
RSV Net: <https://www.cdc.gov/rsv/research/rsv-net/dashboard.html>

*Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits		
01/01 – 01/07 (MMWR Week 1)	01/08 – 01/14 (MMWR Week 2)	01/15 – 01/21 (MMWR Week 3)
4,134	3,017	2,935 (<5%)
Data is from the week of Jan. 15 – Jan. 21, 2023. Percent change is from week prior		
* ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. Visits with diagnosed COVID-19 are excluded.		

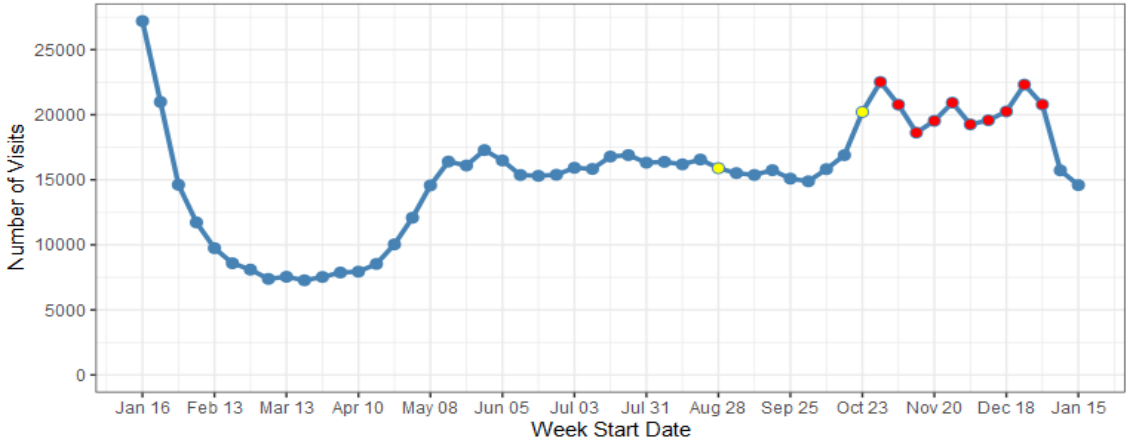
Weekly ED and Urgent Care Visits for ILI Excluding Diagnosed COVID-19
01/16/22 – 01/21/23



- Virginia reported 3.3 % of all ED and urgent care visits were for ILI, during the week ending 01/21
- Largest proportion of ILI visits were seen in the 0-4 years of age group with 10.4% of all visits

*COVID-Like Illness ED and Urgent Care Visits		
01/01 – 01/07 (MMWR Week 1)	01/08 – 01/14 (MMWR Week 2)	01/15 – 01/21 (MMWR Week 3)
20,663	15,724	14,590 (-7%)
Data is from the week of Jan. 9- Jan. 21, 2023. Percent change is from week prior		
*CLI - ED visits noting symptoms of fever + respiratory complaint (e.g., fever with cough, shortness of breath, or difficulty breathing), loss of taste or smell, those with a coronavirus or severe respiratory diagnosis, or visits that mention COVID-19 as the reason for visit.		

Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 01/16/22 - 01/21/23

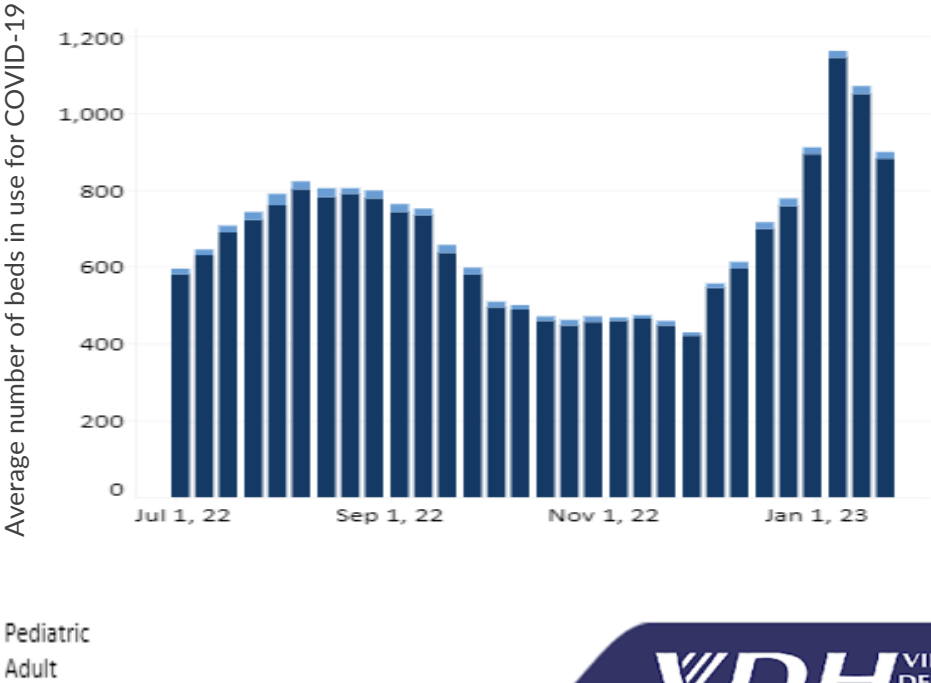


*Source: [CDC COVID Data Tracker](#), [VDH COVID-19 Dashboard](#)
VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off updated case numbers from week prior.
*Data comparisons: Wednesday-Wednesday

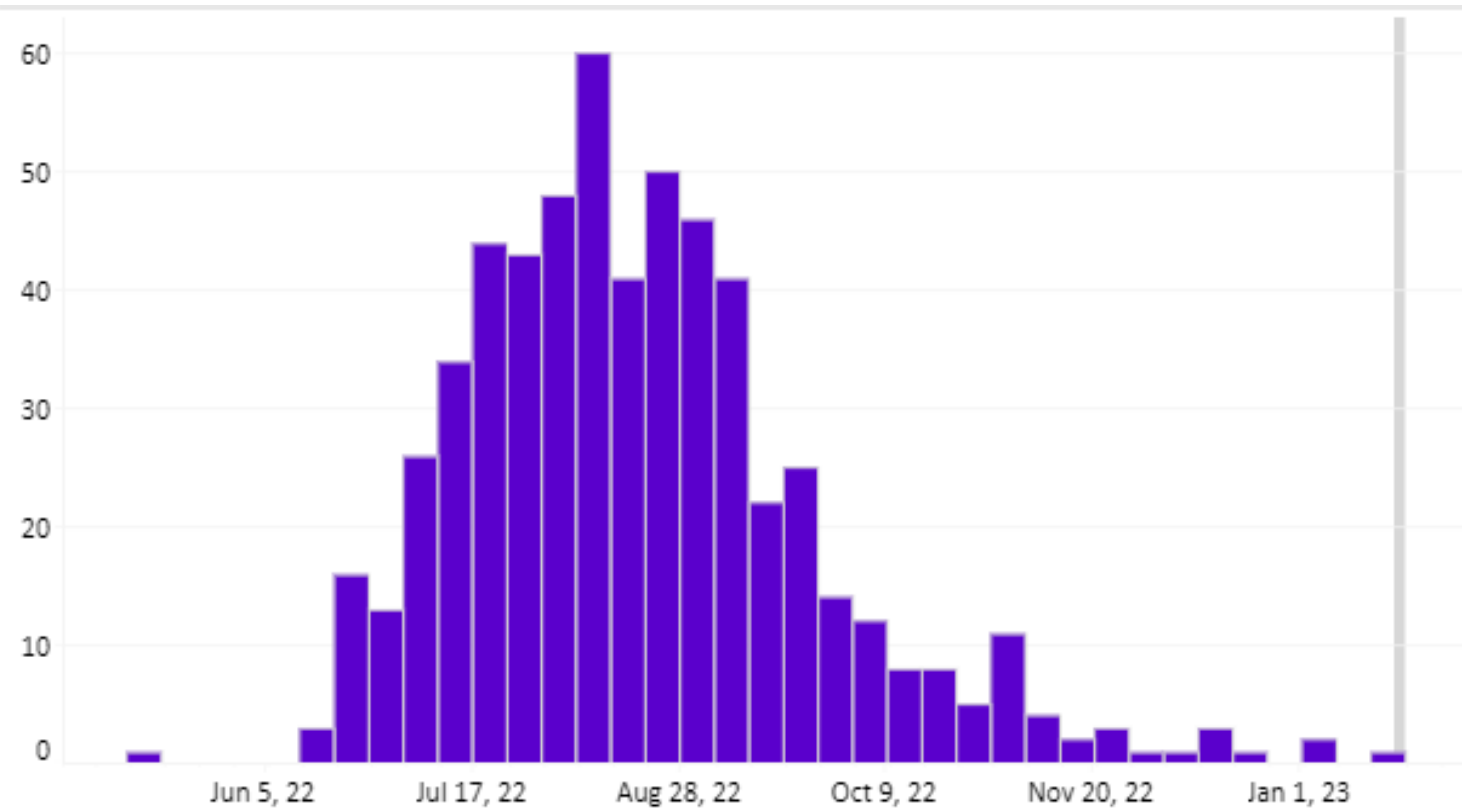
For the week ending Jan 21, 2023, MMWR week 3:
* Compared to last week:

- Weekly case rate **decreased 41%** at 124 per 100K
- Hospital Census Data shows a **decrease of 16%** to 899 average beds in use for COVID-19
- The number of deaths reported for this week is 9 (confirmed & probable)

COVID-19 Hospital Census Trends Virginia, July 2022 – January 2023



Epi Curve of Mpox Cases (5/2022 – 2/2023)



Total Cases	569
Hospitalizations	30
Deaths	2

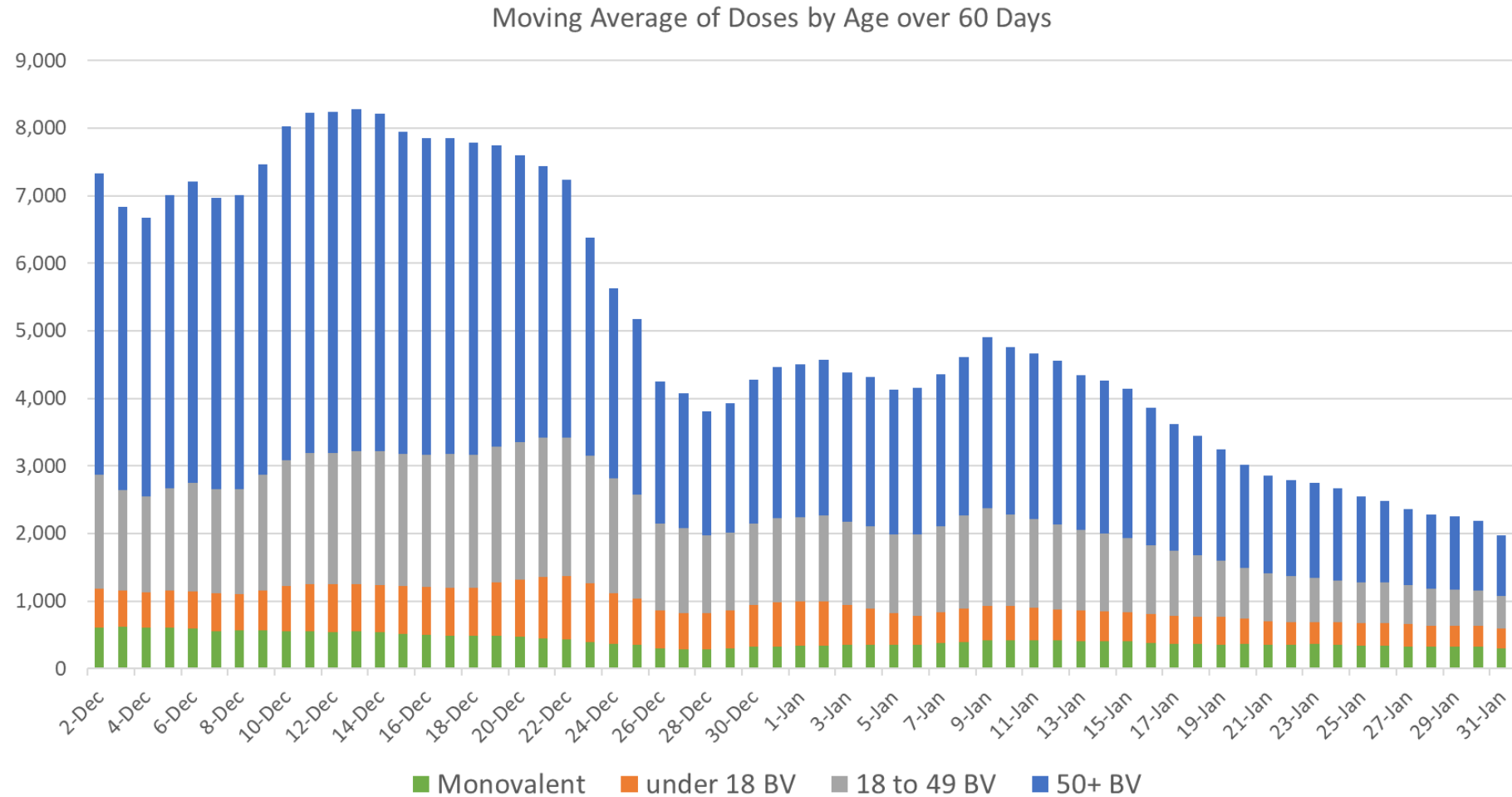
Mpox Cases By Age and Sex (as of 2/1/2023)

Age Group	Cases
0-9 Years	0 (0.0%)
10-14 Years	1 (0.2%)
15-19 Years	14 (2.5%)
20-29 Years	208 (36.6%)
30-39 Years	226 (39.7%)
40-49 Years	83 (14.6%)
50-59 Years	32 (5.6%)
60-69 Years	3 (0.5%)
70+ Years	2 (0.4%)
Sex	
Female	31 (5.4%)
Male	538 (94.6%)

*Data represent investigations with notifications submitted in VEDSS.

Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

- There have been 1,421,432 Bivalent Covid-19 Vaccine Doses Administered so far
- 89.9% of doses were Bivalent in January

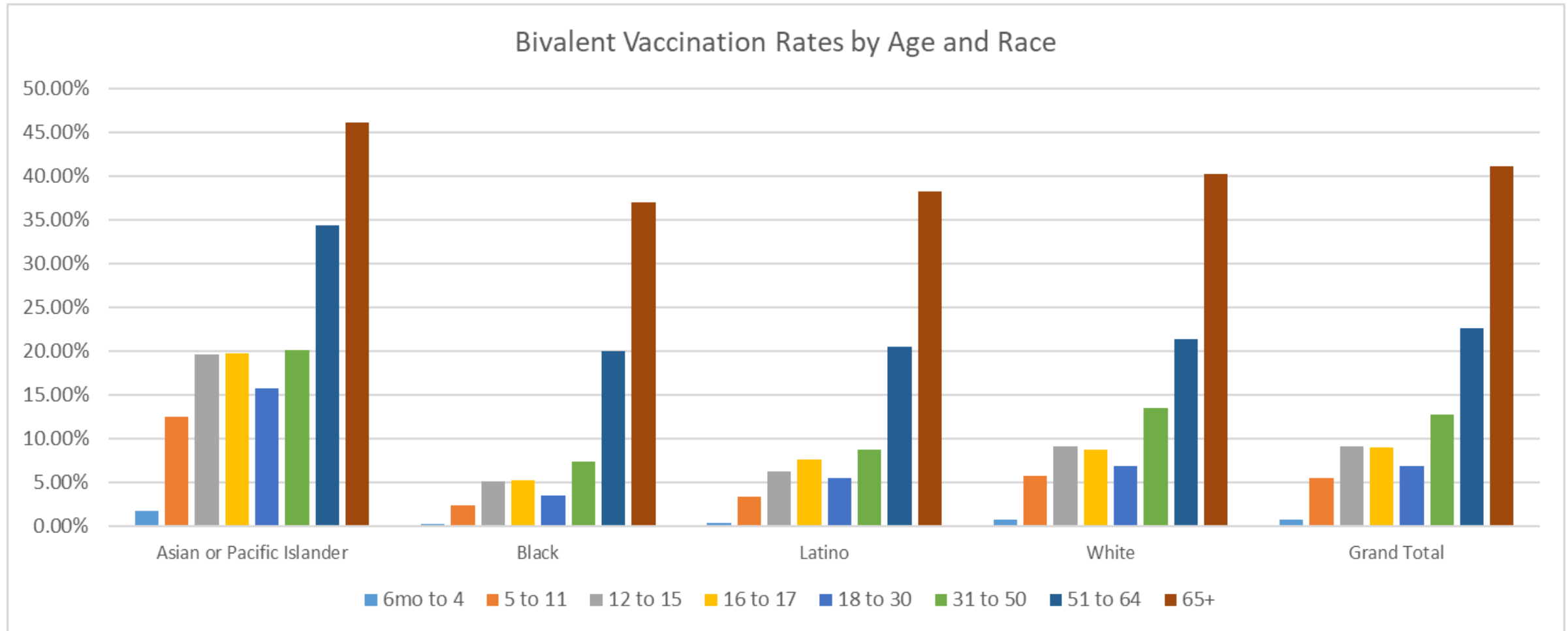


Federal doses not included in this number

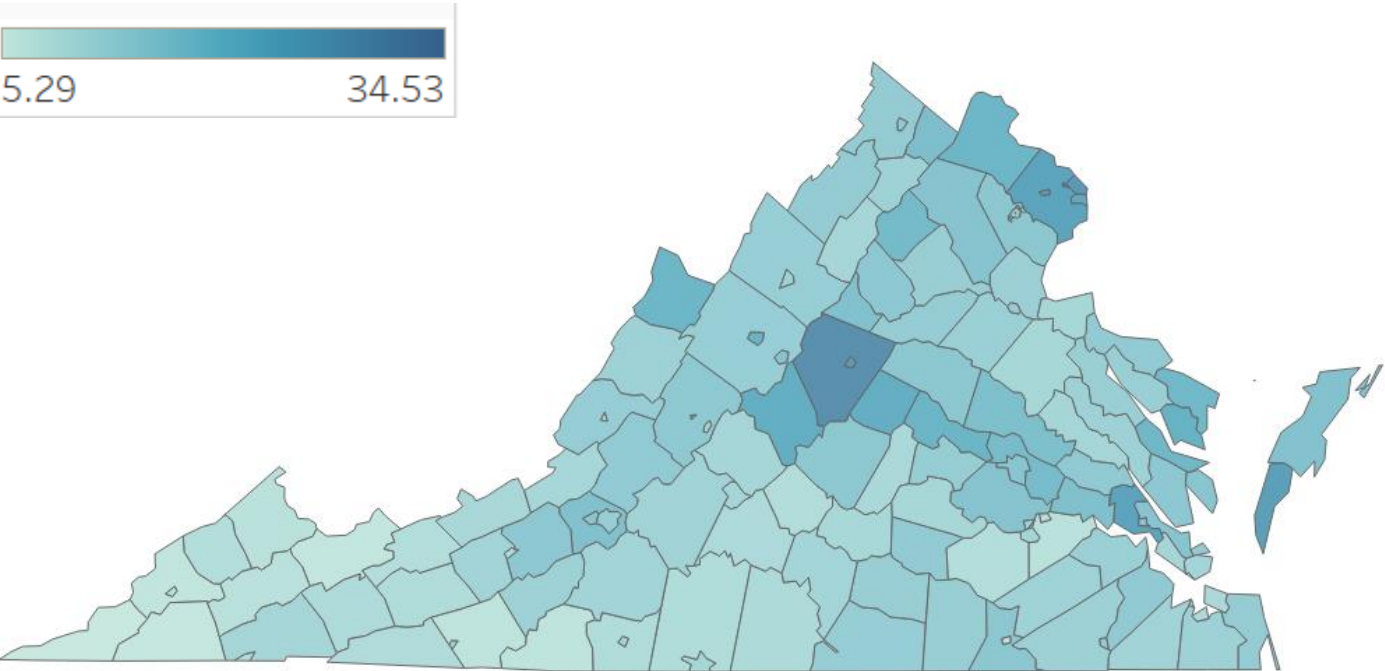
Source: [COVID-19 Vaccine Summary - Coronavirus \(virginia.gov\)](https://www.virginia.gov/covid-19/vaccine-summary)

Virginia: Bivalent Vaccination Uptake by Race/Ethnicity and Age

- 41% of bivalent vaccines has gone to 65+, as this age group is far outpacing other ages for uptake
- There have been 3,845 Pediatric Bivalent Doses Administered



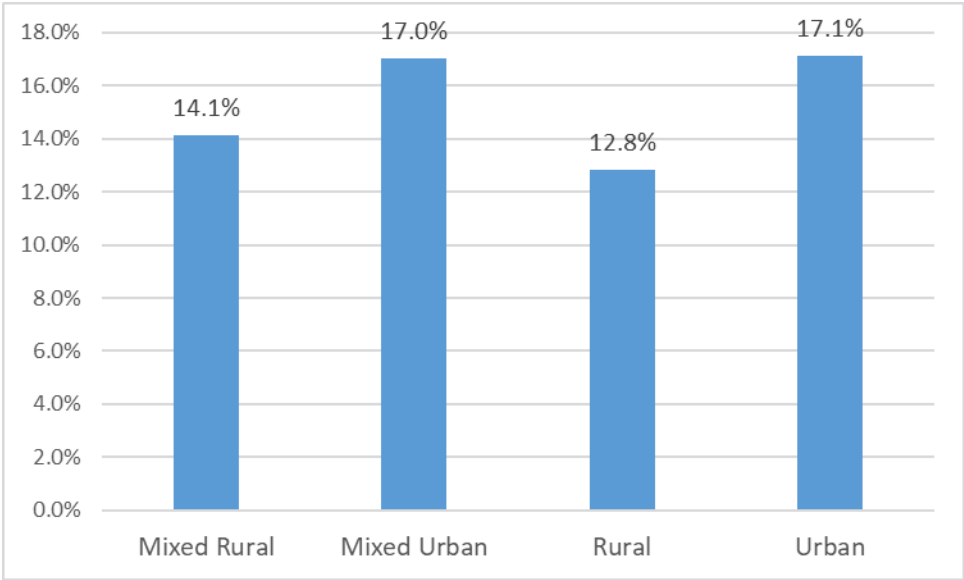
Percent of the Total Population with Bivalent Booster by Locality



Vaccination Rates by Region

Health Region	Fully Vaccinated	Change
Central	64.7%	0.0%
Eastern	60.7%	0.0%
Northern	77.0%	0.0%
Northwest	62.4%	0.0%
Southwest	54.9%	0.0%

Bivalent Uptake by Urban / Rural



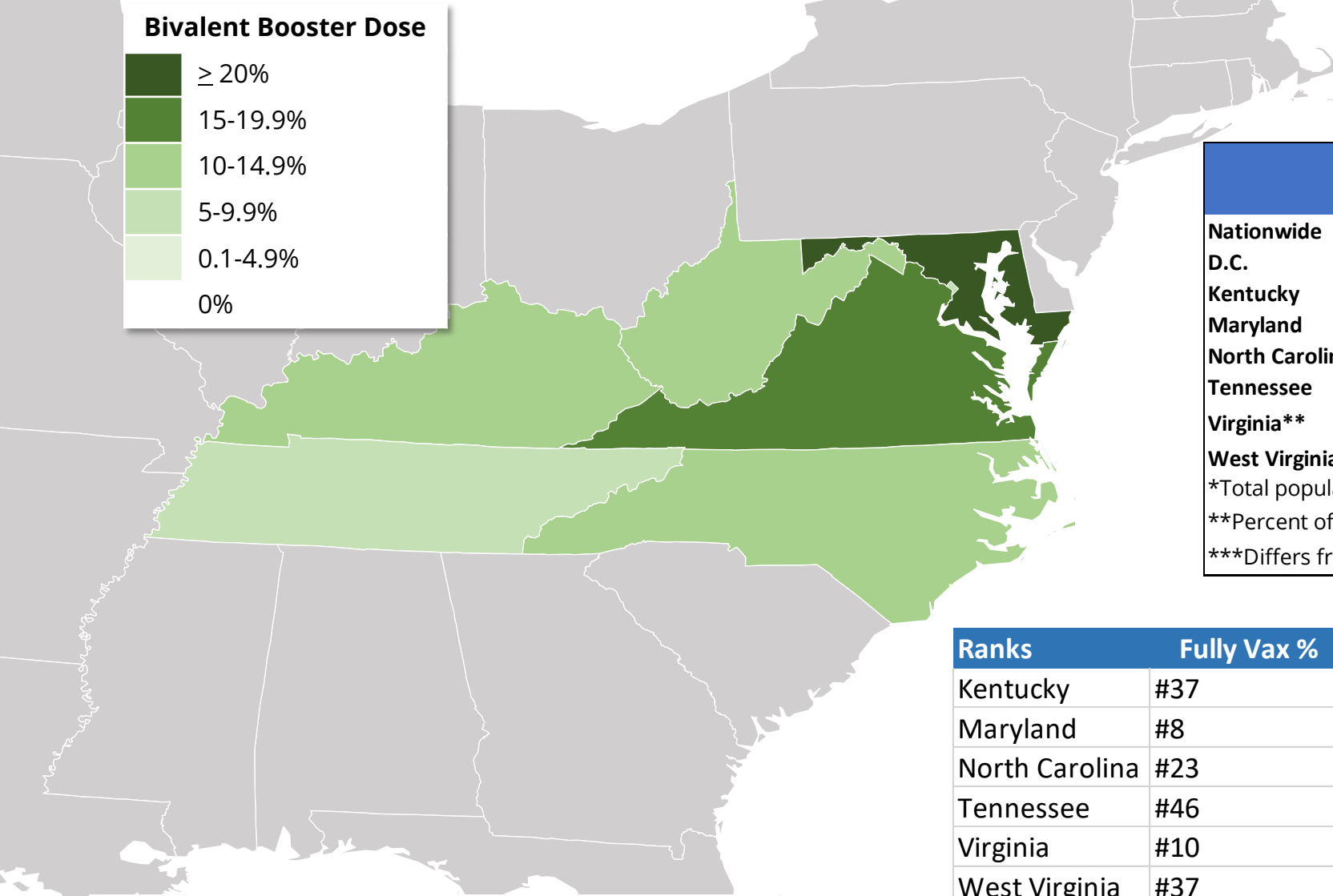
- 73.7% of the Total Population has completed their primary series
- 16.7% of the Total Population has a Bivalent Booster
- 23.8% of the Eligible Population has a Bivalent Booster
- Virginia is 16th in the nation in Bivalent Booster uptake

Federal doses not included in this number
Source: [COVID-19 Vaccine Summary – Coronavirus \(virginia.gov\)](#)

Virginia and Neighbors: Vaccination Rates

For Official Use Only

Updated 2/1/23



	One Dose*	Fully Vax*	Bivalent Booster**
Nationwide	81.0%	69.2%	15.5%
D.C.	95.0%	90.2%	29.3%
Kentucky	68.8%	59.6%	11.6%
Maryland	91.6%	79.6%	22.5%
North Carolina	92.0%	67.0%	14.0%
Tennessee	64.4%	56.2%	9.5%
Virginia**	90.9%	76.5%	19.6%
West Virginia	67.4%	59.6%	10.9%

*Total population, includes out-of-state vaccinations
**Percent of fully vaccinated people with a booster dose
***Differs from previous slide because all vaccination sources are included

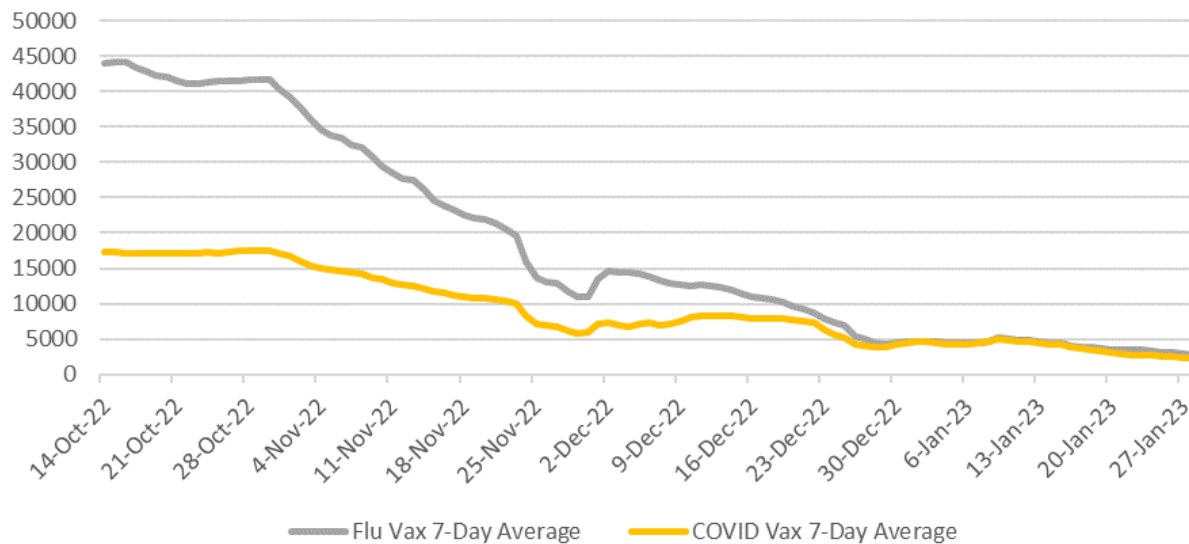
Ranks	Fully Vax %	0-4 First Dose %	5-11 First Dose %	Bivalent Booster %
Kentucky	#37	#36	#40	#37
Maryland	#8	#6	#5	#8
North Carolina	#23	#27	#24	#31
Tennessee	#46	#41	#46	#46
Virginia	#10	#11	#7	#16
West Virginia	#37	#47	#45	#39

Source: <https://covid.cdc.gov/covid-data-tracker/#vaccinations>

Virginia: Flu Vaccine Update

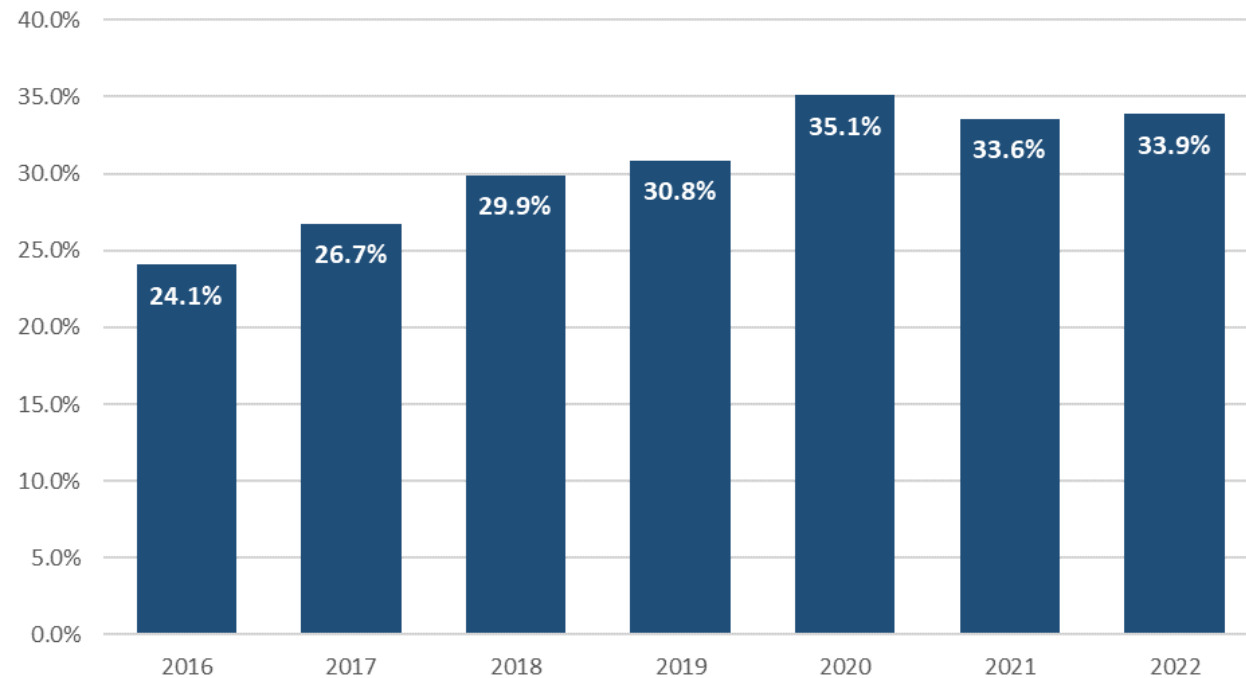
- Flu Vaccinations have roughly followed a similar pattern to Covid Vaccinations since the Winter holidays
- There have been 2.94 million Flu Vaccine doses administered (34% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.

7-Day Average of Flu Vax vs Covid Vax



7 Day Average - Last 7 days of daily doses given, adds them and divided by 7.

Flu Vaccine Uptake by Adjusted Population through Jan. 28th

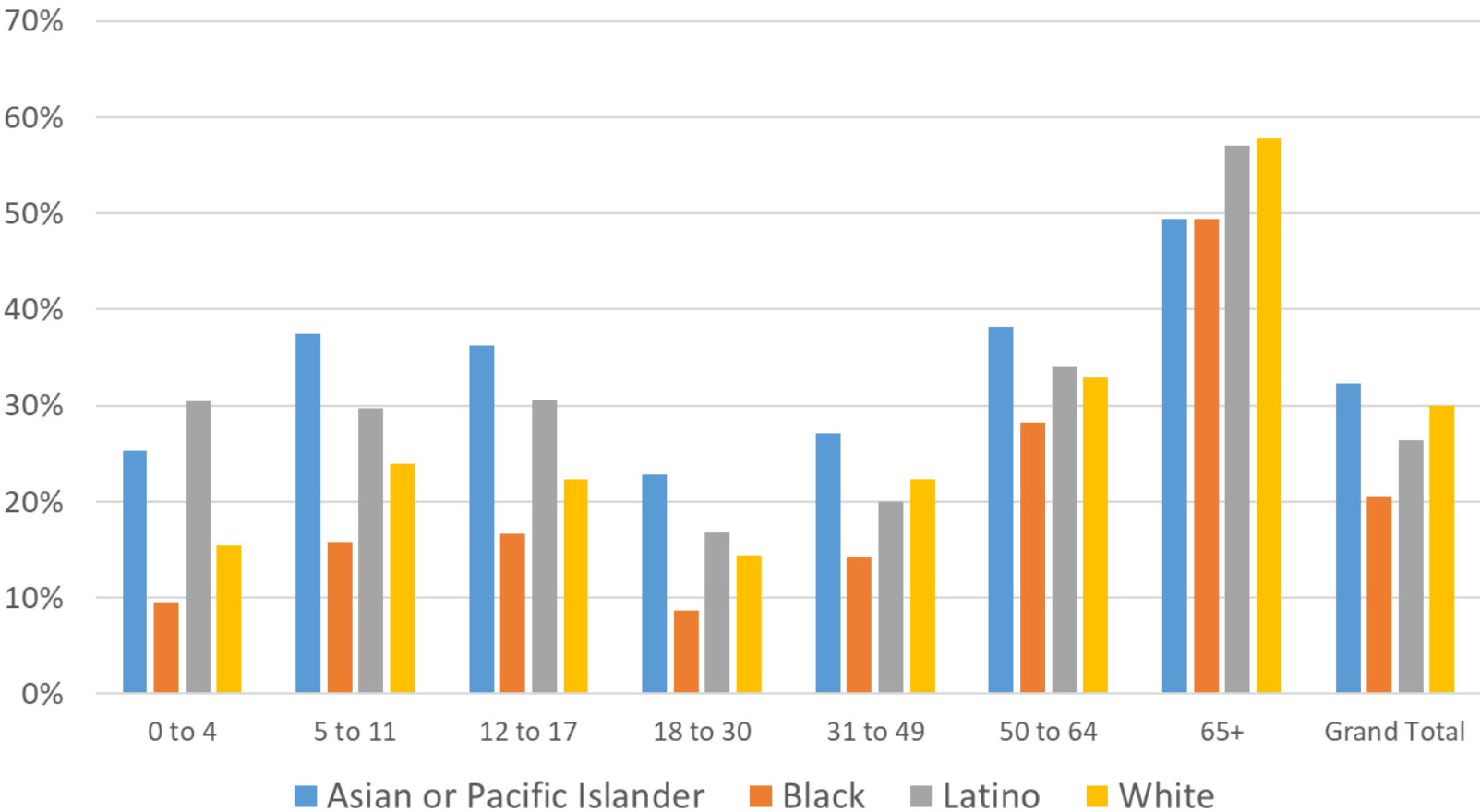


Virginia: Flu Vaccine Uptake by Race / Ethnicity by Age

- The Asian American Population has reached parity with the white population in Flu Vaccine Uptake for 2022
- There are large disparities by race/ethnicity for differing age groups

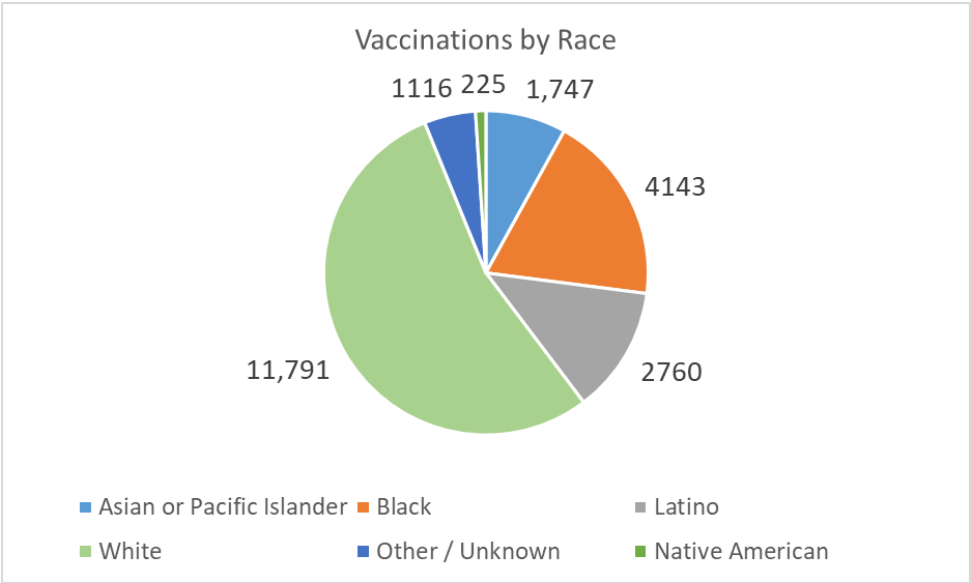
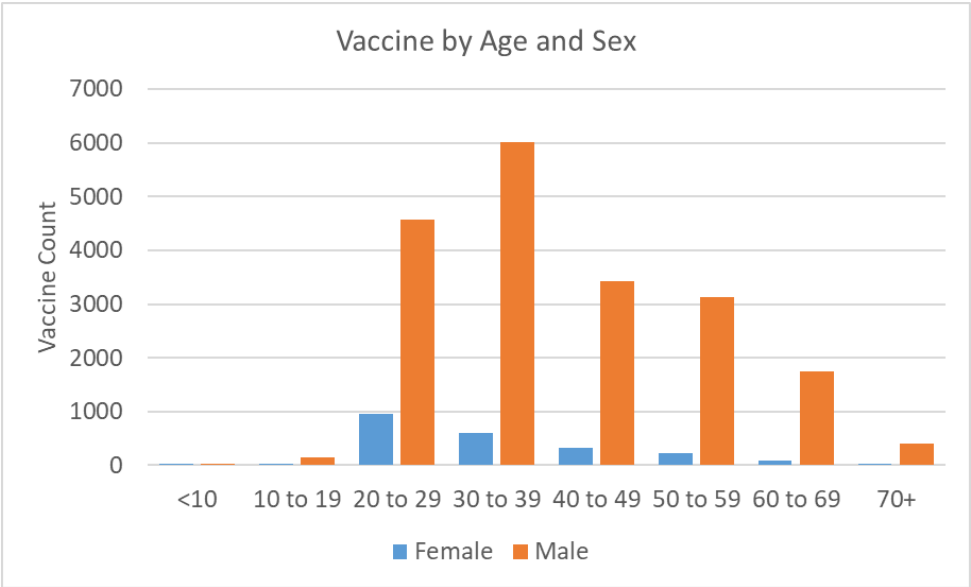
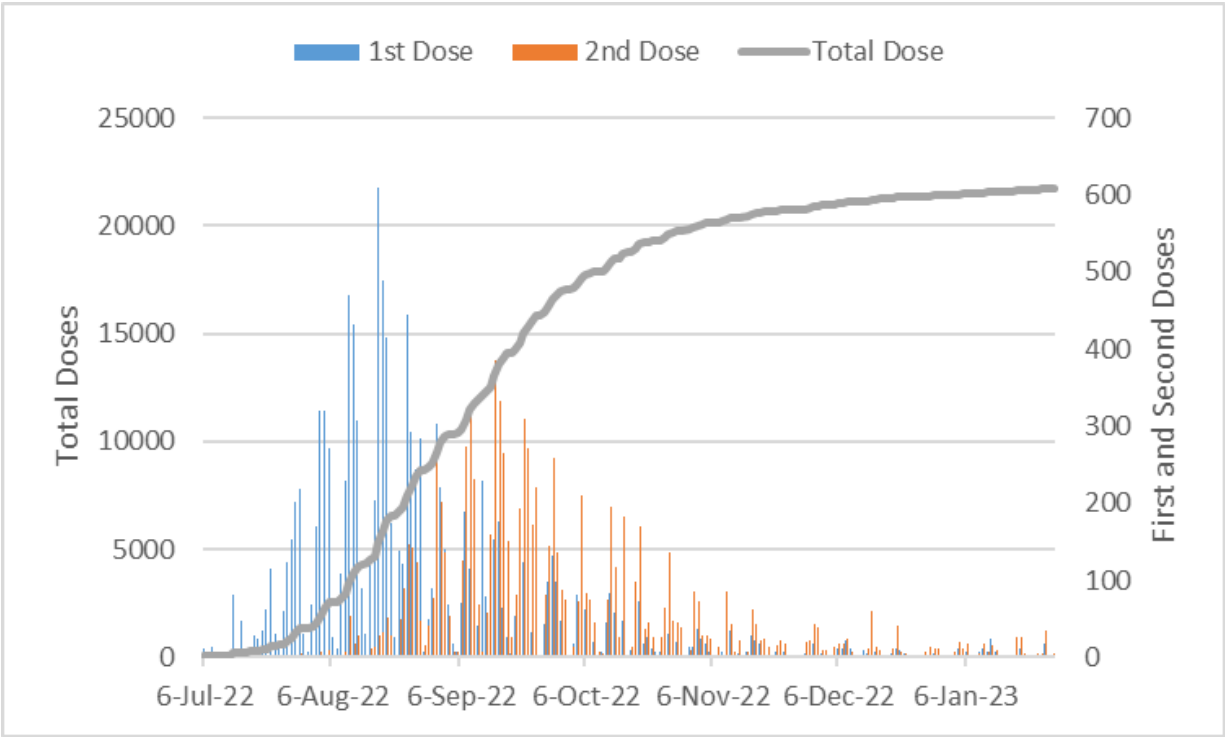
Parity vs White Population

Race and Ethnicity	Ratio
Asian or Pacific Islander	1.1
Black	0.7
Latino	0.9



Virginia: JYNNEOS Administration Demographics

- Vaccinations have been slowing, with 78 doses administered last week out of the total 21,782 doses since July 1st.
- 89.5% of Vaccines Administered have been to Males
- 56.1% of Vaccines Administered have in the Northern Region
- The White Population accounts for 57.1% of Vaccinations by Race where data is available



Source: VDH Vaccine Summary